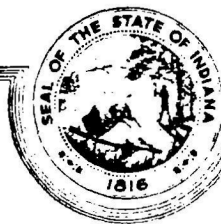


STATE OF INDIANA



INDIANAPOLIS 46206

STREAM POLLUTION CONTROL BOARD

1330 West Michigan Street
633-5467

November 28, 1977

Mr. Daniel R. Olson
East Chicago Sanitary District
5200 Indianapolis Boulevard
East Chicago, Indiana 46312

EPA Region 5 Records Ctr.



297710

Dear Mr. Olson:

Re: East Chicago Sewage Treatment
Plant Sludge

This will acknowledge receipt of your letter dated November 14, 1977, concerning the above-referenced subject.

It is the staff's understanding that the material needing disposal is the anaerobic lagoon sludge, as that is the material which was analyzed for heavy metal content. The PCB analysis submitted with your letter of November 14, 1977, was done on sludge from the digester. Before a determination can be made on the lagoon sludge, a PCB analysis on a composite sample of that particular sludge must be submitted to the staff.

In regards to the digester sludge, it could be approved for disposal at a separate area landfill site. As was outlined in the letter from David D. Lamm, dated November 10, 1977, the staff has found that the waste contained in the daily refuse at a landfill creates an acid environment which is capable of leaching out a high percentage of heavy metals. This makes separate area disposal of waste, such as the digester sludge, necessary.

Since the writing of the November 10, 1977, letter, the Lakeland Disposal Landfill site has encountered operational problems and is not presently capable of handling the digester sludge. Therefore, there is only one separate area site in northern Indiana which could be approved for the digester sludge and that is the Adams Center Landfill near Fort Wayne.

If you would like approval to dispose of the digester sludge at the Adams Center Landfill please notify the Solid Waste Management Section. If you would like a determination on the disposal of the anaerobic lagoon sludge, then an analysis on a composite sample of the sludge for PCBs must be submitted to the staff.

Mr. Daniel R. Olson

-2-

November 28, 1977

If you have any questions, please contact Mr. Bruce Palin or Mr. Guinn Doyle of the Solid Waste Management Section at 317/633-0176.

Very truly yours,



Oral H. Hert
Technical Secretary

BHPalin/dp